

# 2003 WNV PLAN

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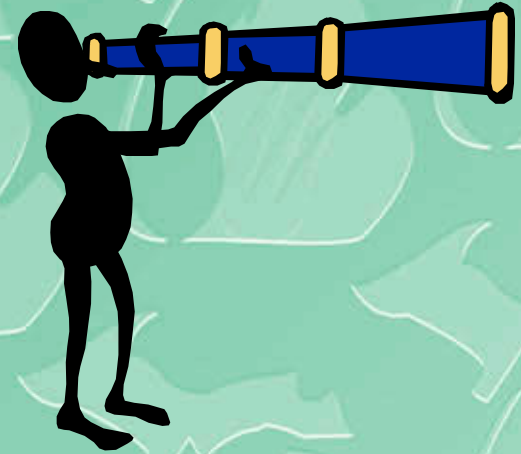
- Comprehensive and integrated approach
- Multiple agencies involved
  - MDA, MDCH, MDNR, MDEQ, MSU
- Arbovirus Emergency Response Plan
- Basis for local decisions/response
- Communication is essential
- Not a state spray program

# 2003 WNV PLAN

- Surveillance
  - Horse Surveillance
    - Private Veterinarian Communication System
    - Testing animal specimens at MSU
    - Encourage vaccination of all horses
    - Encourage source reduction in environs
    - Encourage use of repellants
  - Domestic Animals
    - MSU may offer testing in 2003



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## Mosquito Surveillance

Used to help local response planning

Species Identification (*Culex pipiens*)

Population density

Breeding source locations (source reduction)

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## Mosquito Control



Commensurate with risk

Emphasize personal protection &  
source reduction

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- Source Reduction

- Reduce breeding sites to reduce mosquito larvae development (stagnant water)
- Discarded tires, bird baths, small pools, or any container that will hold water
- Communicate with residents, businesses & green space managers
- Increase surface turbidity
  - may require state or federal permits
- Filling ponds or wetlands not helpful



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- Mosquito Population Reduction
  - Larvae control
    - Larviciding where breeding sites cannot be modified (i.e.: storm drains)
    - Use MDA registered pesticides
    - Options include biological control products
    - Follow label use directions
    - MDEQ approval may be necessary
      - Contact MDEQ at (517) 373-1320

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- Mosquito Population Reduction
  - Adult Mosquito Control
    - Risk of disease transmission to humans
    - Targeted spraying as part of a comprehensive, integrated management plan
    - Decision based on all available surveillance information
    - Community spray programs regulated by MDA
      - communication, pre-notification or exclusion options
      - pesticide use, applicator certification, business licensing
    - MDNR administered lands and easements